



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/004,099

10/31/2001

Dietmar Wagner

442-129

9320

7590

09/17/2004

Charles R. Hoffmann, Esq.
HOFFMANN & BARON, LLP
6900 Jericho Turnpike
Syosset, NY 11791

EXAMINER

EDWARDS JR, TIMOTHY

ART UNIT

PAPER NUMBER

2635

DATE MAILED: 09/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1,3-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Eryurek et al [US 6,017,143].

Considering claim 1, Eryurek et al discloses a device in a process system for detecting events comprising, a) a sensitivity element connected by way of a sensor electronic circuitry having a storage arrangement with an I/O port (see fig 2, items 16 and 76); b) a line arrangement having at least three lines (see col 3, lines 5-9); c) except Eryurek does not specifically recited means by which the sensor arrangement may be connected with an external electrical or electronic device. Eryurek discloses the connection of an electronic device (i.e. a portable communicator, see col 1, lines 25-30 and col 4, lines 47-52) to his wire loop system. One of ordinary skill in the art would readily recognize the need for a means to connect a portable communicator to a wire process control loop. Therefore, it would have been obvious to one of ordinary skill in the art the communicator of the Eryurek system would have any known means of connecting a communicator to a wire loop; d) Eryurek does not indicate two power supply lines and one line for the transmission of sensor signal. One of ordinary skill in

Art Unit: 2635

the art would readily recognize wire control loop system transmits power and data signals on the wire loop. Eryurek discloses the use of two, three, or four wire loop. Therefore, it would have been obvious to one of ordinary skill in the art to arrange a three wire system as suggested by Eryurek to be capable of transmitting power and data; e) an external device connected to the lines to provided parameter values to the sensor arrangement (see col 4, lines 44-65).

Considering claims 3 and 4, Eryurek discloses the limitations of these claim see fig 1, item 12.

Considering claim 5, Eryurek discloses the limitation of this claim in col 4, lines 47-52.

Allowable Subject Matter

Claims 2,6,7 and 9 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 8, 10 and 11 depend on objected claims.

1. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure is Seberger '774, Lenz et al '137, Logure '021 and Borgeson et al '059. Cited references disclose the use of a portable communicator in a wire loop system. DeLime III '461 disclose a three wire detection circuit having two power wires and one communication wire.

2. Any inquiry concerning this communication should be directed to Examiner Timothy Edwards at telephone number (571) 272-3067. The examiner can normally be reached on Monday-Thursday, 8:30 a.m.-4:00 p.m. The examiner cannot be reached on Fridays.

If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Horabik, can be reached on (571) 272-3068.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (571) 272-4700, Mon-Fri., 8:30 a.m.-5:00 p.m.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or fax to:

(703), 872-9314 (for formal communications intended for entry)

Or:

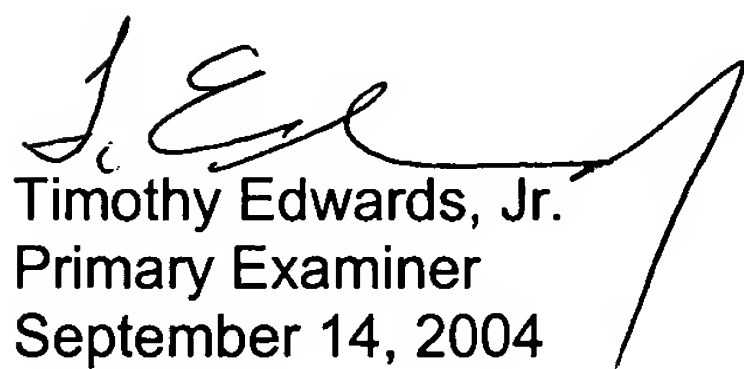
(for informal or draft communications, please label "PROPOSED"

or "DRAFT")

Art Unit: 2635

Hand-delivered responses should be brought to Crystal Park II, 2121

Crystal Drive, Arlington, VA, Sixth Floor, (Receptionist).



Timothy Edwards, Jr.
Primary Examiner
September 14, 2004